

**Inland Amateur Coordination Council
23 Lookout Ridge Ln, Manson WA 98831**

TECHNICAL DATA SHEET INSTRUCTIONS

Procedure for filling out and submitting the Technical Data sheet

1. Action Requested:

- **New Coordination** is required for a frequency not currently assigned, or for a new frequency, change of location, ERP, antenna height, or any other operational modification that will change the technical parameters of your system.
- **Renewal** is used to when making the required update to the IACC files with no changes or for administration updates only. All new IACC coordinations will be issued for a 5 year period only and will need to be renewed. This requirement will help to identify unused frequencies that can be reassigned if not in use.
- **Modify Existing Coordination** will be used for such things as, call sign changes, access mode or system feature changes. This will be used only for changes that do not modify system performance. Performance changes will require the New Coordination process.
- **New Trustee Assignment** will be used when a new coordination holder has taken the responsibility of system operation.

2. System Type: Check only one box. Use additional forms for additional transmitters in the system, for an additional frequencies for a link, or information for an additional receiver you may be using for greater coverage. *Be aware that additional receivers that extend receiver coverage greater than the parent transmitter may not be protected from other co-channel systems.*

3. Frequency: Choose frequency band 10m, 6m, 2m, 1.25m, 70cm, 33cm, 23cm, and up then enter the channel frequency output and input. Use format as follows 000.0000.

- 4. System Status:** *Fully Operational:* means the system is fully operational and ready to be placed into operation in accordance with its coordination documentation. *Fully Operational NTE 6 Months:* means that the applicant must have the complete system in operation in accordance with all of the coordination documentation. The applicant must notify the IACC Coordinator of system operational status within six months of coordination approval or the proposed system will be de coordinated.
- 5. Site Data:** This box is used to detail all of the specifics of the site used for this repeater, transmitter, or receiver. Should this be a remote receiver for a system the IACC needs the information in the coordination process for other systems. Coordinates will be provided from NAD-27 reference in decimal degree format form XX.XXXXXXX -XXX.XXXXXX. Use the “Supporting” section to describe system unique and special features such as remote receivers and or transmitters.
- 6. Transmitter Power and Antenna [Maximum 100W ERP]:** There is no reason to require over 100 watts of ERP. In many cases much less power is required for coverage in specified areas. The IACC will not coordinate any system running over 100 watts ERP. Antenna gain will be in dBd, if dBi is given, the dBi figure will be reduced by 2.15.
- 7. Mode, Access Control, and Output [Input Access Control Mandatory]:** The letter codes next to each box indicate the coding that will be displayed in the IACC data base. Check all boxes that apply. All coordinated systems are required to have input access control applicable to the operational mode(s) of the system. If the system can operate on a dual mode system but is locked to operate on only one mode, that single mode should be used. If *System Fusion* is checked, provide the Fusion digital Squelch Code (xxx). If *DMR* is checked provide a DMR color code (CC0-CC15). If P-25 is selected provide a NAC code (3 digit alphanumeric). If NXDN is selected provide a RAN (2 digit number). If DSTAR, APCO P-25 or other narrow band is checked then select the narrowband box. The output section allows you to list user access controls for their radios such as PL or digital codes. **THE IACC RECOMENDS THEIR USE.**
- 8. System Features:** Please decide if your repeater will be “OPEN”, “PRIVATE” or “CLOSED”. The definitions are found on IACC document “Purpose of our Repeater Data Base”. The selection determines what data will be shown on our published repeater data base. If you have ILRP, ECHOLINK,

ALLSTAR, provide your node address for these features. Select any other features as described.

9. Sponsor, Group, Web Site Information if any: Enter Sponsor name, Group name or Call Sign.

10. Coordination Holder (Trustee): Must have valid Amateur radio License. This section will be filled in by the responsible individual that will hold the coordination for this repeater system. All contact information will be for this individual, not the organization. All communication between the IACC for this coordination will be directed to this individual.

11. Alternate Contact for This System: The alternate contact will be used if the coordination holder cannot be reached.

12. Other System Description if Required: Include any other information, Co-channel agreement, ownership description, special configurations or linking information.

13. Coordination Holder Certification: When signed by both the Coordination Holder and the IACC Coordinator the repeater system will be fully coordinated.